



SPARK GAP

Vol. 39, Issue 12, December 2022 *MARC - Serving Central Indiana Communities*

On Our MARC:

This Saturday, December 17 is our annual MARC Christmas Brunch at 8 am at the Johnson County REMC building in Franklin. Please bring a dish to share. There is also a Dirty Santa gift exchange, so please bring a wrapped gift for the exchange. Come enjoy good food and fellowship.

Bill Kennedy, WY9T is scheduled to present by WebEx at our January meeting (1/21) about the W9IMS Special Event Station, so we can look forward to that next month. Happy Holidays to all!!!

73,
Tim
WC9G





December Birthdays

KQ9Y – Frederick Chris
AE9H – Melick Richard(Phil)
KD9UPF – Smith Joelene
KA9ZPA – JoeVergara



Amateur Radio Club Provides Communications Support for Thanksgiving Day Race

The BEARS of Manchester Amateur Radio Club in Manchester, Connecticut, spent Thanksgiving Day providing amateur radio communications support for the 86th Manchester Road Race.

The race, a 4.748-mile course that begins and ends on Main Street in downtown Manchester, has been a Thanksgiving Day tradition since 1927. This is the 30th consecutive year the BEARS of Manchester Amateur Radio Club has provided communications support, with more than 10,000 runners participating and over 30,000 spectators lining the course.

Radio operators began arriving at 6:00 AM on Thanksgiving morning. Fifty-five operators staffed 39 positions around the course and were stationed every quarter mile to provide safety communications and report the lead male and female runners to the public address announcer.

Shadow operators helped 10 race officials stay in communications. Operators also started and ran four clocks around the course to help pace runners, and a station operated in the public safety Emergency Operations Center (EOC) to relay safety-related information to representatives of various agencies. Ham radio operators also provided communication for a shuttle bus operation that brought runners and spectators from a remote parking area to Main Street and then returned them at the end of the race. Check-in and check-out were accomplished through a net control station to maintain accountability.

Communication for the event was made on six repeater and simplex frequencies, and three cross-band repeaters were used for signal quality to avoid interference.

The BEARS of Manchester Amateur Radio Club is an ARRL Affiliated Club.

Thanks to Phil Crombie, Jr., K1XFC, Race Communications Coordinator, for providing information for this story.

..... ARRL News December 2022

CLUB DUES FOR 2023

It is that time of year for your membership dues for the Mid-State Amateur Radio Club. The annual membership dues is \$25.00 per year and has not changed from last year.

Please check out the M.A.R.C. website and you may pay your dues via PayPal. This also a good time to update any of your information for club records such as license upgrade, change of address, contact information or call sign.

This is also a good opportunity for new amateurs to join our club and join in our club activities for 2023.

Please see Jacki Frederick, KI6QOG M.A.R.C. Treasurer

Santa is On the Air Via Ham Radio

As Christmas approaches, many amateur radio clubs carry out an annual tradition of helping kids talk directly to Santa Claus while he is still at the North Pole before his big ride.

On Saturday, December 10, 2022, the Wallingford Amateur Radio Group in Connecticut will connect kids to Santa and Mrs. Claus via amateur radio during their [Calling Santa](#) event. The group organizes the event in cooperation with the Wallingford Health Department, Youth & Social Services, and support from an Amateur Radio Digital Communications (ARDC) grant to the [Meriden Amateur Radio Club \(MARC\)](#).

MARC President Dr. Ed Snyder, W1YSM, said this will be the third year for Calling Santa. "The location is ideal for this event," said Dr. Snyder. "Our communications van will be there, and the kids go inside and talk to Santa and Mrs. Claus on a real amateur radio. There will also be a fire truck, coloring books, crayons, and allergy-safe snacks." Each child will receive a full-color certificate signed by the Clauses.

Already in operation for the 16th consecutive year, The 3916 Nets are hosting the [Santa Net](#) on 3.916 MHz. Kids can talk to Santa Claus nightly via amateur radio at 7:00 PM CST now through Christmas Eve, December 24, 2022. The shortwave net welcomes radio amateurs to help their children and grandchildren get on the air to talk to Santa (third-party rules and regulations apply).

The [Big Bend Amateur Radio Club](#), covering the Big Bend area of west Texas and based in Alpine, will have their 15th annual Santa Net ready to go on December 14, 2022. Local 2-meter repeaters are used to make the connection to Santa. The club highlights that "Santa Net introduces kids to ham radio." The event is promoted through the local elementary school and its teachers. Participants get a candy cane and a card commemorating the radio contact with Santa.

The ARRL Special Event Stations database is updated regularly and includes other Christmas and holiday-themed on-the-air events. You can search the database at www.arrl.org/special-event-stations, and use keyword searches such as "Christmas" or "holiday."

New General Question Pool Released for Ham Radio Licensing

Effective July 1, 2023

The National Conference of Volunteer Examiner Coordinators' (NCVEC) Question Pool Committee (QPC) has released the 2023 - 2027 General Class FCC Element 3 Syllabus and Question Pool to the public. The new General Question Pool is effective July 1, 2023, through June 30, 2027.

The new pool incorporates some significant changes compared to the 2019 - 2023 version. Its 432 questions were modified slightly to improve wording and to replace distractors; 51 new questions were generated, and 73 questions were eliminated. This resulted in a reduction of 22 questions, bringing the total number of questions in the pool down from 454. The level of difficulty of questions is more balanced, and the techniques and practices addressed have been updated.

The pool is available as a Microsoft Word document and PDF. The single graphic required for the new General Question Pool is available within the documents, or separately as PDF and JPG file formats.

"The newly revised pool must be used for General-class license exams starting July 1, 2023," said ARRL VEC Manager Maria Somma, AB1FM, who is a member of the NCVEC Question Pool Committee. "New test designs will be available to [ARRL Volunteer Examiners](#) on that date. The ARRL VEC will supply its officially appointed, field-stocked VE teams with new General exam booklet designs around mid-June."

General class examination candidates preparing for their exams using the 9th edition of [The General Class License Manual](#), and/or the 6th edition of [ARRL's General Q & A](#) are encouraged to test by, or before, June 30, 2023. New editions of ARRL licensing publications will be available in May, for exams taken on, or after, July 1, 2023.

..... *ARRL Newsletter December 2022*



BBC to End Traditional Television and Radio Broadcasts

The BBC is preparing to shut down its traditional television and radio broadcasts as it becomes an online-only service over the next decade, according to the director general, Tim Davie.

“Imagine a world that is internet-only, where broadcast TV and radio are being switched off and choice is infinite,” he said. “A switch-off of broadcast will and should happen over time, and we should be active in planning for it.” Davie said the [BBC](#) was committed to live broadcasting but Britons should prepare for the closure of many standalone channels and radio stations by the 2030s: “Over time this will mean fewer linear broadcast services and a more tailored joined-up online offer.” The future will involve “bringing the BBC together in a single offer”, possibly in the form of one app combining everything from television programmes to local news coverage and educational material. This could ultimately see the end of distinct brands such as [BBC One](#) or BBC Radio 4, although the programmes they currently air could continue online.

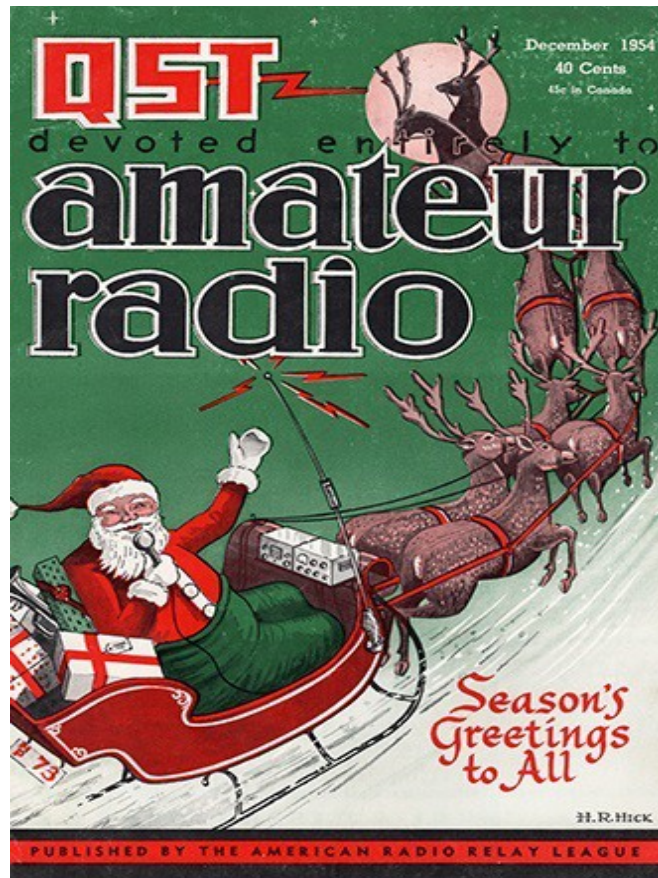
The director general accepted there was a risk that the BBC becomes just another online content provider in a crowded marketplace by abandoning its traditional broadcast slots on services such as Freeview or DAB radio: “Moving to digital is not the challenge in and of itself, moving to digital while not losing most of your audience and burning millions of pounds unnecessarily is the challenge.”

Although the BBC’s television and radio channels continue to reach tens of millions of Britons a month, almost all of its outlets are seeing long-term declines in their live audiences. Davie has already announced plans to shift CBBC and BBC Four to online-only, with other channels expected to follow suit in the coming years. Traditional television audience numbers remain high among older people but the average BBC One viewer is in their 60s and younger viewers are drifting off completely.

He said a challenge is how to reach the millions of Britons – often older, poorer, or in rural areas – who do not have a strong internet connection and could be cut off from an online-only BBC.

Davie’s speech to the Royal Television Society included pleas to politicians and regulators to provide the corporation with more money and fewer restrictions on what it could do. The BBC is also starting to look ahead to the possibility of a Labour government giving it a more generous funding settlement after 12 years of Conservative-led administrations imposing real-terms cuts on the national broadcaster. In another sign that the days of the licence fee are numbered, Davie said he was “open-minded” about finding a new model for funding the BBC. The government is already considering alternatives for when the current deal expires at the end of 2027. Many other countries have abolished their licence fees and replaced them with new funding models for public broadcasters, [with options including](#) direct taxation or levies on household broadband connections.

..... *BBC News December 2022*



CONDUCTOR



SEMICONDUCTOR



SUPERCONDUCTOR



MID-STATE AMATEUR RADIO CLUB

The Mid-State Amateur Radio Club meets the **THIRD SATURDAY** of each month at the Johnson County REMC building 750 International Dr. Franklin, IN 46131

See our website, www.midstatehams.org, for maps on how to get to our meeting.

Everyone is welcome; you do not have to be a *HAM* to attend our meetings or a member of the club.

W9MID Repeater:

146.835/
146.235 MHz
(151.4 Hz PL Tone)

Club Officers:

President: Tim Aldridge - WC9G
Vice President: Rhonda Curtis - WS9H
Secretary: Jim Adams – KB9JMU
Treasurer: Jacki Frederick - KI6QOG
Repeater Trustee - Chris Frederick – KQ9Y

W9MID Repeater:

443.525/
448.525 MHz
(151.4 Hz PL Tone) YEASU SYSTEM FUSION (C4FM)

Weekly Net: Sunday evening 7:00 PM ARES/RACES members and ALL RADIO AMATEURS
146.835/146.235 MHz (151.4 Hz PL Tone)

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P.O. Box 836
Franklin, Indiana
46131

Spark Gap Editor: Robert LaGrange N9SIU

Please send your articles to my email: n9siu@yahoo.com no later than the 2nd week of the month.



Thanks to Johnson Co. REMC for the use of their building for meetings and testing.

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